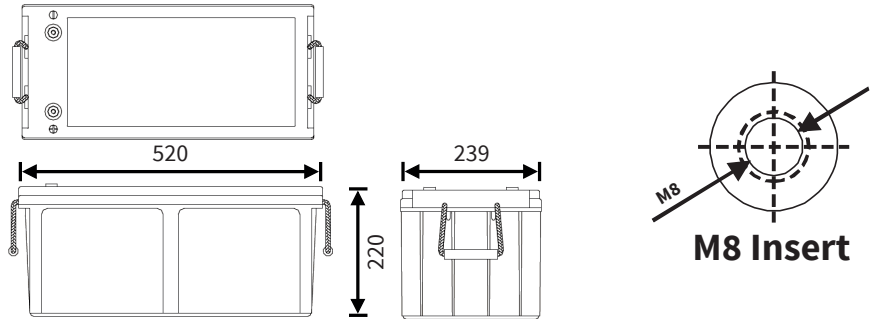


CPXC 170-12

Cyclic Lead Carbon battery (3250 cycles)

Dimensions (mm)

Standard terminal (mm)



No image available at this time

Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Built to comply with

- DIN 43534
- IEC896-2
- BS6290-pt.4

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 184.2 Ah
	10Hr: 175.0 Ah
	5Hr: 153.5 Ah
	1Hr: 104.3 Ah
Internal resistance	≤4.0mΩ (fully charged)
Maximum charge current	65 A
Maximum discharge current	2040 A (max. 5 sec)
Number of cycles	3250 (50% D.O.D.)
Float use / cyclic use	13.2 - 13.8V / 13.8 - 14.4V
Charge temperature range	-20°C ~ 40°C
Discharge temperature range	-20°C ~ 50°C
Standard terminal	Insert M8 (19 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	520 mm
Dimensions Width	239 mm
Dimensions Height	225 mm
Approximate Weight	63.00 kg
Packing	1 pcs / box

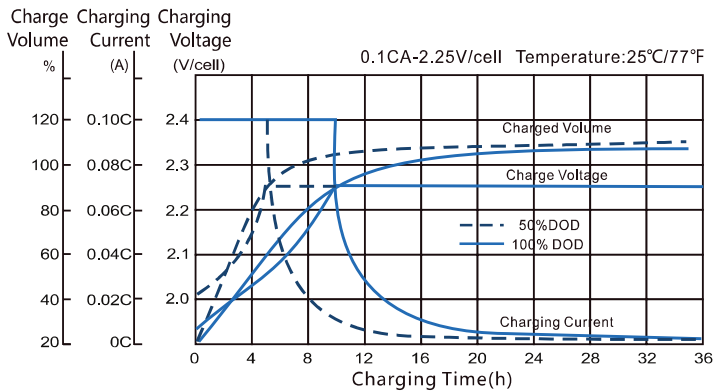
Constant Current Discharge (Amps) at 25 °C (77°F)

FV/TIME	30 Min	60 Min	2 Hr	3 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.80V/cell	147.3	96.4	58.0	42.4	29.3	20.7	17.0	9.00
1.75V/cell	155.9	101.0	60.3	44.0	30.0	21.1	17.3	9.12
1.70V/cell	163.5	104.3	62.7	45.4	30.7	21.5	17.5	9.21
1.67V/cell	171.8	108.0	64.8	46.6	31.4	21.8	17.8	9.32
1.60V/cell	177.5	110.5	66.0	47.5	32.3	22.1	18.1	9.44

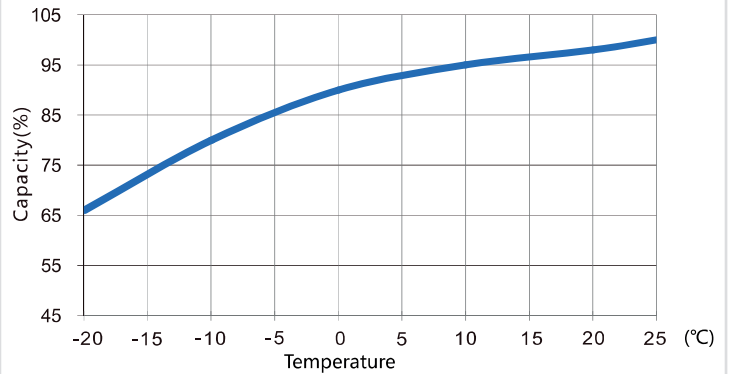
Constant Power Discharge (Watt) per Cell at 25 °C (77°F)

FV/TIME	30 Min	60 Min	2 Hr	3 Hr	5 Hr	8 Hr	10 Hr	20 Hr
1.80V/cell	283.7	189.1	114.6	84.2	58.6	41.7	34.3	18.5
1.75V/cell	297.8	197.0	118.7	87.0	59.7	42.3	34.8	18.7
1.70V/cell	309.9	202.4	123.0	89.5	60.9	43.1	35.4	18.9
1.67V/cell	323.4	208.7	126.5	91.5	62.1	43.6	35.9	19.0
1.60V/cell	331.4	212.2	128.0	92.8	63.7	44.1	36.3	19.2

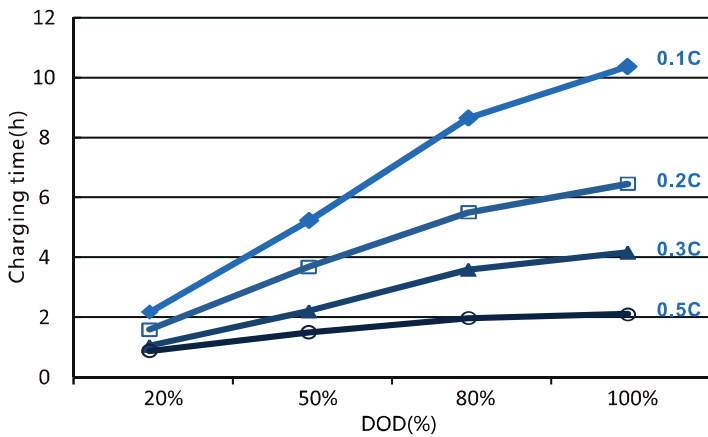
Charge characteristics



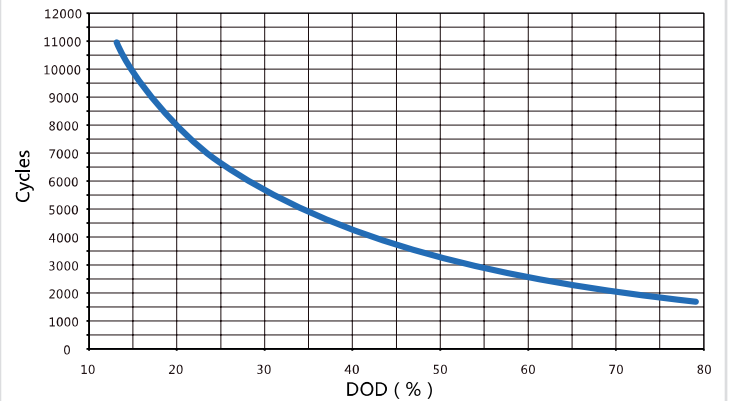
Capacity in relation to temperature



Charging time relation to D.O.D.



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)
CPXC 500-2	2	500
CPXC 800-2	2	800
CPXC 1000-2	2	1000
CPXC 1200-2	2	1200

Cellpower family

Cellpower supplies a broad range of reliable AGM, GEL and Lithium batteries. Each product series has its own unique characteristics, so that there is a suitable battery for every application with its associated specific usage profile. Combined with the right Cellpower battery accessories, you are able to assemble a high-quality and reliable battery system.

The sealed, maintenance-free AGM lead battery type has a long operational lifetime. When used correctly, the Absorbent Glass Mat (AGM) technology offers dependable, lasting service. Additionally, AGM batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

